

Amendments to the Drawings:

The attached sheets of drawings include changes to FIGS. 1 and 4. These sheets replace the original sheets containing FIGS. 1 and 4. FIG. 1 has been amended to show the infrared data transmission from several transmitter units to a common receiver. FIG. 4 has been amended to correct a typographical error: the first "d4" after the first "F" has been replaced with "d1."

Attachment: 2 Replacement Sheets

REMARKS/ARGUMENTS

The claims are 6-9. Claims 3-5 have been cancelled in favor of new claims 6-9 to improve the form of the claims. In addition, FIGS. 1 and 4 have been amended. Support may be found, inter alia, in the disclosure at pages 2 and 5 and the original claims and drawings. Reconsideration is expressly requested.

The drawings were objected to under 37 C.F.R. 1.83(a) for failing to show "the infrared data transmission from several transmitter units to a common receiver." In response, FIG. 1 has been amended to show several transmitter units. FIG. 4 has also been amended to correct a typographical error. The first "d4" after the first "F" has been replaced with "d1." Applicant submits that all drawings comply with 37 C.F.R. 1.83(a).

The Examiner rejected cancelled claims 3-5 under 35 U.S.C. 112 as being indefinite for failing to particularly point out the subject matter which Applicant regards as the invention. As to claim 3, the Examiner indicated that "the transmitting units transmitting the data in blocks with a common carrier frequency and in time intervals of the same length for all transmitter units according to the maximum number of transmitter units" appeared to contradict "the length of the time intervals for all

transmitter units differing at least by twice the transmission time for a maximum data block size." As to claim 4, the Examiner indicated "wherein the transmission times of the data blocks transmitted by the transmitter units are equal, and the length of the time intervals of the same length of the maximum number of the transmitter units less a multiple of the longest time interval corresponding to one transmitter unit plus the length of the shortest time interval and the transmission time correspond to data block size" was unclear. As to claim 5, in addition to the reasons set forth for claim 3, the Examiner indicated that "the memory being capable of being read out in repeated time intervals predetermined with respect to the duration thereof in dependence on the number of transmission units and differing for each transmission unit, the time intervals extending step by step by at least double the transmission time for a data block from a minimum length of a time interval depending on the number of transmitter units and double the transmission time for a data block" was unclear.

In response, Applicant has cancelled claims 3-5 in favor of new claims 6-9. It is respectfully submitted that one skilled in the art reading the specification would understand that the transmission interval is the same for all transmitter units and is determined by the total number of transmitter units. One

skilled in the art would also understand that the repetition intervals for all transmitter units differ by at least twice the transmission time of a maximum data block size and one of these transmitter units would have a shortest repetition interval (See page 2, last paragraph of the original Specification). One skilled in the art would also understand that the number of times a data block is being read out of memory in repetition intervals along a transmission interval is the same as the total number of transmitter units (See page 5, last paragraph of the original Specification).

Accordingly, it is respectfully submitted that the currently pending claims in this application fully comply with 35 U.S.C. 112, second paragraph, and Applicant respectfully requests that the rejection on this basis be withdrawn.

In the Final Office Action, claims 3-5 were rejected under 35 U.S.C. 103(a) as being unpatentable over *Heep et al. U.S. Patent No. 5,331,450* in view of *Beggs et al. U.S. Patent No. 5,122,796* for the reasons set forth on pages 5-8 of the Office Action dated September 4, 2007. The Examiner stated that one of ordinary skill in the art would be motivated to combine these two references because it would have been predictable to use a sufficiently high frequency optical signal to provide optimum

discrimination against background sunlight and light from other sources.

Applicant respectfully traverses.

Heep et al. fails to disclose or suggest a method for infrared data transmission or an infrared data transmission system in which several transmitter units communicate with a common receiver station, where the number of times a data block is repeatedly transmitted is the same number as the total number of transmitter units. This feature is likewise nowhere disclosed or suggested by *Beggs et al.*

In addition, neither *Beggs et al.* nor *Heep et al.* teach transmitter units transmitting data blocks according to a common frequency in general as recited in claims 6 and 8 or at 56 kHz as more specifically recited in new claims 7 and 9. Moreover, *Heep et al.* shows different pausing intervals than Applicant's method and system as recited in new claims 6 and 8. With Applicant's method and system, discrimination is not possible because the transmission for all units is on the same frequency.

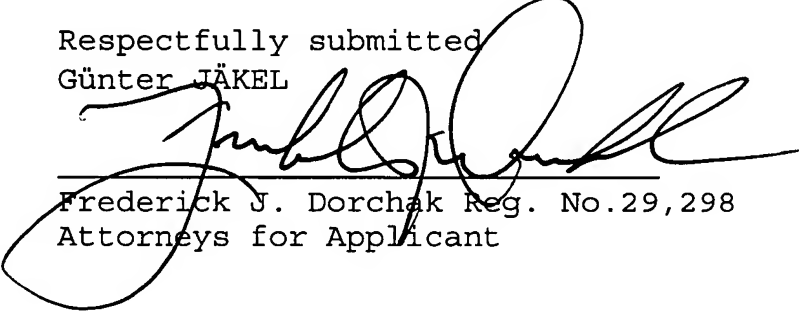
Therefore, it is respectfully submitted that one of ordinary skill would not have been motivated to combine *Heep et al.* with

Beggs et al., and even if Heep et al. were combined with Beggs et al. one would still not have achieved Applicant's method and device as recited in new claims 6 and 8.

Accordingly, it is respectfully submitted that the new claims 6-9 are patentable over Heep et al. in view of Beggs et al.

In summary, claims 3-5 have been cancelled and new claims 6-9 have been added. FIGS. 1 and 4 have been amended. In view of the foregoing, it is respectfully requested that the claims be allowed and that this case be passed to issue.

Respectfully submitted
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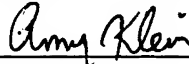
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Enclosures: Appendix with two (2) replacement sheets of drawings,
Copy of Petition three-month extension of time

EXPRESS MAIL NO.: EM 050 011 139 US

Date of Deposit: March 4, 2008

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10, on the date indicated above, and is addressed to Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Amy Klein



APPENDIX